

CLAIMS

What is claimed is:

1. 1. A carousel comprising:
 2. a plurality of modules, at least one module of the plurality of modules comprising one of
 3. a data module and an object module, said at least one module exhibiting a first
 4. instance and at least a second instance.
1. 2. The carousel of claim 1, the first instance separated from the second
 2. instance by at least one intervening different module of the plurality of modules.
1. 3. The carousel of claim 1, said at least one module including module
 2. content, the module content representing one of television program guide information,
 3. advertising information, product information, emergency information, weather
 4. information, and news information.
1. 4. A carousel comprising:
 2. a first instance of a module including module content, the module comprising one of a
 3. data module and an object module;
 4. a second instance of the module; and
 5. at least one other module including module content, the module content of said at least
 6. one other module different than the module content of the module.

1 5. The carousel of claim 4, the second instance of the module separated from
2 the first instance of the module by said at least one other module.

1 6. The carousel of claim 4, the module content of the module representing
2 one of television program guide information, advertising information, product
3 information, emergency information, weather information, and news information.

1 7. A transmission comprising:
2 a transport stream; and
3 a carousel encapsulated in the transport stream, the carousel having a plurality of
4 modules, at least one module of the plurality of modules comprising one of a data
5 module and an object module, said at least one module exhibiting a first instance
6 and at least a second instance.

1 8. The transmission of claim 7, the transport stream comprising an MPEG-2
2 transport stream.

1 9. The transmission of claim 7, the transport stream comprising at least a
2 portion of a digital television broadcast signal.

1 10. The transmission of claim 7, the first instance separated from the second
2 instance by at least one intervening different module of the plurality of modules.

1 11. A transmission comprising:
2 a transport stream; and
3 a carousel encapsulated in the transport stream, the carousel including
4 a first instance of a module including module content, the module comprising one
5 of a data module and an object module;
6 a second instance of the module; and
7 at least one other module including module content, the module content of said at
8 least one other module different than the module content of the module.

1 12. The transmission of claim 11, the transport stream comprising an MPEG-2
2 transport stream.

1 13. The transmission of claim 11, the transport stream comprising at least a
2 portion of a digital television broadcast signal.

1 14. The carousel of claim 11, the second instance of the module separated
2 from the first instance of the module by said at least one other module.

- 1 15. A method comprising:
- 2 encapsulating into a transport stream a carousel having a plurality of modules, at least
- 3 one module of the plurality of modules comprising one of a data module and an
- 4 object module, said at least one module exhibiting a first instance and at least a
- 5 second instance.

1 16. The method of claim 15, further comprising transmitting the transport
2 stream and the encapsulated carousel to a receiver.

1 17. The method of claim 15, further comprising periodically encapsulating the
2 carousel into the transport stream.

1 18. The method of claim 15, the transport stream comprising an MPEG-2
2 transport stream.

1 19. The method of claim 15, the transport stream comprising at least a portion
2 of a digital television broadcast signal.

1 20. A method comprising:
2 receiving a transport stream having an encapsulated carousel, the carousel having a
3 plurality of modules, at least one module of the plurality of modules comprising
4 one of a data module and an object module, said at least one module exhibiting a
5 first instance and at least a second instance; and
6 extracting the first and second instances of said at least one module from the transport
7 stream.

1 21. The method of claim 20, the transport stream comprising an MPEG-2
2 transport stream.

1 22. The method of claim 20, the transport stream comprising at least a portion
2 of a digital television broadcast signal.

1 23. An article of manufacture comprising:
2 a machine accessible medium, the machine accessible medium providing instructions
3 that, when executed by a machine, cause the machine to
4 encapsulate into a transport stream a carousel having a plurality of modules, at
5 least one module of the plurality of modules comprising one of a data
6 module and an object module, said at least one module exhibiting
7 a first instance, and
8 at least a second instance.

1 24. The article of manufacture of claim 23, wherein the instructions, when
2 executed, further cause the machine to transmit the transport stream and the encapsulated
3 carousel to a receiver.

1 25. The article of manufacture of claim 23, wherein the instructions, when
2 executed, further cause the machine to periodically encapsulate the carousel into the
3 transport stream.

1 26. The article of manufacture of claim 23, the transport stream comprising an
2 MPEG-2 transport stream.

1 27. The article of manufacture of claim 23, the transport stream comprising at
2 least a portion of a digital television broadcast signal.

1 28. An article of manufacture comprising:
2 a machine accessible medium, the machine accessible medium providing instructions
3 that, when executed by a machine, cause the machine to
4 receive a transport stream having an encapsulated carousel, the carousel having a
5 plurality of modules, at least one module of the plurality of modules
6 comprising one of a data module and an object module, said at least one
7 module exhibiting a first instance and at least a second instance; and
8 extract the first and second instances of said at least one module from the
9 transport stream.

1 29. The article of manufacture of claim 28, the transport stream comprising an
2 MPEG-2 transport stream.

1 30. The article of manufacture of claim 28, the transport stream comprising at
2 least a portion of a digital television broadcast signal.